

TARGET – COORDINATE GEOMETRY

15.) Plot A(-2, 4), B(6, 6), C (7, 2), D (-1, 0).

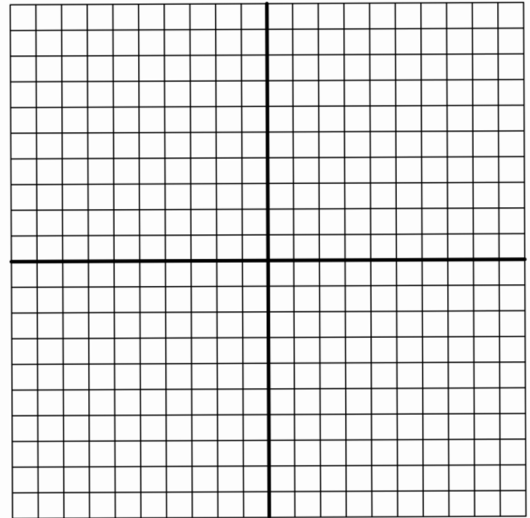
16.) Find the slopes of the sides of the quadrilateral.

Slope of \overline{AB} = _____

Slope of \overline{BC} = _____

Slope of \overline{CD} = _____

Slope of \overline{AD} = _____



17.) Find the lengths of the sides of the quadrilateral.

Length of \overline{AB} = _____

Length of \overline{BC} = _____

Length of \overline{CD} = _____

Length of \overline{AD} = _____

18.) Find the midpoint of the diagonals.

Midpoint of \overline{AC} = _____

Midpoint of \overline{BD} = _____

19.) Looking at your answers in 16-18 above, what is the most precise name for quadrilateral. Justify your answer with a **complete sentence**.

Name of quadrilateral: _____

Explain: _____
